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PPDATANAME,DataLog,Session Active,Record Active,Elapsed File Time,File Close Time,Closing Progress,Transfer File Size

PPDATAID,DataLog,sDLOG_SESS_STAT,sDLOG_REC_STAT,sDLOG_REC_TIME,sDLOG_CLOSE_TIME,sDLOG_CLOSE_PROGRESS,sDLOG_XFER_FILE_SIZE

PPDATAUNITS,DataLog,0/1,0/1,hh:mm:ss,seconds,%,Bytes

PPDATANAME,Status,FID Fuel HP,FID Fuel HP (avg),FID Auto Stop Status,LED States,Heater States,AMBII Ambient Temperature,NDUV Ambient Temperature,Gas Path,THC FID Status,CH4 FID Status,External CO Status,Regen Divert Active,VI Regen Active,Mass Calcs Active,Mass Device Execute Time

PPDATAID,Status,iSTATUS_FFHP,iSTATUS_FFHP_AVG,sSTATUS_FIDSTOP,sLED_STATES,sSTATUS_HEATE_RS,iAMBII_ATEMP,iNDUV_ATEMP,sSTATUS_PATH,sSTATUS_THC_FID,sSTATUS_CH4_FID,sSTATUS_SIGCO,sRegen_Divert,svIRegenActive,sMASS_CALCS_ACTIVE,sMASS_EXEC_TIME

PPDATAUNITS,Status,psi,psi,0/1,,,deg C,deg C, ,0/1,0/1,0/1,0/1,0/1,ms

PPDATANAME,FAULT,Fault description

PPDATAID,FAULT,sFAULT

PPDATAUNITS,FAULT,

PPDATANAME,WARNING,Warning description

PPDATAID,WARNING,sWARN

PPDATAUNITS,WARNING,

PPDATANAME,SOLENOIDS,FID Sample,FID Calibrate,Span/Zero,Ambient Air,Bench Calibrate

PPDATAID,SOLENOIDS,sSOL_FS,sSOL_FC,sSOL_SZ,sSOL_AA,sSOL_BC

PPDATAUNITS,SOLENOIDS,0/1,0/1,0/1,0/1,0/1

PPDATANAME,SCB,External Line Temperature,Heated Filter Temperature,Chiller Temperature,Local Ambient Temperature,Auxiliary Temperature,CJC Temperature,Relative Humidity,Local Ambient Pressure,Sample Pump Pressure,Drain Pump 1 Pressure,Drain Pump 2 Pressure,Power Supply Voltage,External Analog Input 1,External Analog Input 2,External Analog Input 3,External Digital Input 1,External Digital Input 2

PPDATAID,SCB,iSCB_ELT,iSCB_FT,iSCB_CT,iSCB_LAT,iSCB_ET,iSCB_CJCT,iSCB_RH,iSCB_LAP,iSCB_SPP,iSCB_DP1P,iSCB_DP2P,iSCB_PSV,iSCB_EAI1,iSCB_EAI2,iSCB_EAI3,sSCB_ED1,sSCB_ED2

PPDATAUNITS,SCB,deg C,deg C,deg C,deg C,deg C,deg C,%,mbar,mbar,mbar,Vdc,Vdc,Vdc,Vdc,0/1,0/1

PPDATANAME,FID,Device Identifier,Range,Actual Range,Gas Path,THC,THC Oven Temperature,Flame Status,Status

PPDATAID,FID,sFID_ID,sFID_RANGE,sFID_ACTUALRANGE,sFID_GASPATH,iFID_THC,iFID_OT,sFID_FLAME,sFID_STATUS

PPDATAUNITS,FID, ,ppmC,ppmC, ,ppmC,deg C,0/1/2,

PPDATANAME,AMBII,AMBII Hexane,AMBII Propane,CO,CO,CO2,O2,AMBII Pressure,AMBII RPM (Raw),AMBII RPM,AMBII Status,HC Range,HC Range (actual),CO Range,CO Range (actual),CO2 Range,CO2 Range (actual),Lamp Temperature

PPDATAID,AMBII,iAMBII_HC,iAMBII_HC_PROPANE,iAMBII_CO,iAMBII_COPPM,iAMBII_CO2,iAMBII_O2,iAMBII_Pressure,iAMBII_RPM_RAW,iAMBII_RPM,sAMBII_Status,sAMBII_HC_RANGE,sAMBII_HC_RANGE_ACTUAL,sAMBII_CO_RANGE,sAMBII_CO_RANGE_ACTUAL,sAMBII_CO2_RANGE,sAMBII_CO2_RANGE_ACTUAL,sAMBII_LT

PPDATAUNITS,AMBII,ppmC6,ppmC3,%,ppm,%,%,mbar,rpm,rpm,,,,,,deg C

PPDATANAME,NDUV,NO,NO2,NO2 Raw,NDUV Pressure Compensation,NDUV Block1 Temperature,NDUV Pressure,NDUV Status,NIC Flag,NO Range,NO Range (actual),NO2 Range,NO2 Range (actual),NO Raw Modulation,NO2 Raw Modulation,Ref1 Raw Modulation,Ref2 Raw Modulation

PPDATAID,NDUV,iNDUV_NO,iNDUV_NO2,iNDUV_NO2_RAW,sNDUV_PCOMP,iNDUV_BT1,iNDUV_Pressure,sNDUV_STATUS,sNDUV_NICFLAG,sNDUV_NO_RANGE,sNDUV_NO_RANGE_ACTUAL,sNDUV_NO2_RANGE,sNDUV_NO2_RANGE_ACTUAL,iNDUV_NO_RAWMOD,iNDUV_NO2_RAWMOD,iNDUV_REF1_RAWMOD,iNDUV_REF2_RAWMOD

PPDATAUNITS,NDUV,ppm,ppm,ppm,,deg C,mbar, ,0/1,,,,,,,

PPDATANAME, GPS, Quality, Date, Time, Latitude, Longitude, Altitude, Ground Speed, Number of satellites in view, Number of satellites in use, Satellites used PRN, Horizontal DoP, Vertical DoP, Position DoP, Datum

PPDATAID, GPS, sGPS_QUAL, sGPS_DATE, sGPS_TIME, iGPS_LAT, iGPS_LON, iGPS_ALT, iGPS_GROUND_SPEED, sGPS_NUMSATINVIEW, sGPS_NUMSATINUSE, sGPS_PRNSATUSED, iGPS_HDoP, iGPS_VDoP, iGPS_PDoP, sGPD_DATUM

PPDATAUNITS, GPS, , yyyyymmdd,hhmmss.sss,deg,deg,m,mph, , , , ,

PPDATANAME, VI, Vehicle Responding, MIL Status and DTC_P01, Engine Load_P04, Engine Coolant Temp_P05, Manifold Abs Pressure_P0B, Engine Speed_P0C, Vehicle Speed_P0D, Mass Air Flow_P10, Exhaust Temp_P78-b1s1, Exhaust Tempr_P78-b1s3, Ambient Air Temp_P46, NOX_B1S1, Fuel Level Input_P2F, Actual Engine Pct Torq_P62, Engine Reference Torq_P63, Air Intake Temp_P68-b1s1, Fuel Rail Temp_P6D, Boost Control_P70, DPF Regen Status_P8B_2, CAC_T_B1S2, Com EGR Position_P69, Actual EGR Position_P69

PPDATAID, VI, sVI_VEH_RESP, sMIL, iENG_LOAD, iCOOL_TEMP, iMAP, iENG_SPEED, iVEH_SPEED, iMAF, iEGT_11, iEGT_DPF, iAAT, iNOX_B1S1, iFLI, iTQ_ACT, iTQ_REF, iAIT_11, iFRT_A, iBP_A_ACT, sDPF_REGEN, iCAC_T_B1S2, iCOM_EGR, iEGR_POS

PPDATAUNITS, VI, 0/1, 0/1, %, deg F, kPaA, rpm, mph, g/s, Deg C, Deg C, Deg F, ppm, %, %, lb-ft, Deg C, Deg C, kPaA, 0/1, Deg C, %, %

PPDATANAME, FLOW, Exhaust Mass Flow Rate, Density Corrected Mass Flow Rate, Upstream Pressure, Exhaust Temperature, Data Available, Horizontal Status LEDs, Vertical Status LEDs, Pressure 1, Pressure 2, Pressure 4, Pressure 5, Pressure 6, Pressure 7, Box Temperature, Manifold Temperature #1, Manifold Temperature #2, Mass Flow (Linear Adjusted), Reynolds Adjusted K, Splined Differential Pressure

PPDATAID, FLOW, iFLOW_MASS_FLOW, iFLOW_DC_MASS_FLOW, iFLOW_UP_PRESS, iFLOW_EX_TEMP, sFLOW_AVAILABLE, sFLOW_HSTATUS, sFLOW_VSTATUS, iFLOW_PRESS1, iFLOW_PRESS2, iFLOW_PRESS4, iFLOW_PRESS5, iFLOW_PRESS6, iFLOW_PRESS7, iFLOW_BOXTEMP, iFLOW_MANTEMP1, iFLOW_MANTEMP2, iFLOW_MASS_FLOW_LA, iFLOW_RAK, iFLOW_SPLINED_PRESS

PPDATAUNITS, FLOW, kg/hr, kg/hr, kPa, deg C, 0/1, bitmap, bitmap, kPa, kPa, kPa, kPa, kPa, deg C, deg C, deg C, kg/hr, , kPa

PPDATANAME, TAVALUES, TA CO2, TA CO, TA NO, TA NO2, TA NOx, TA THC, TA O2, Engine Load, Engine Work, Mass Flow

PPDATAID, TAVALUES, sTAV_CO2, sTAV_CO, sTAV_NO, sTAV_NO2, sTAV_NOx, sTAV_THC, sTAV_O2, sTAV_EL, sTAV_EW, sTAV_MF

PPDATAUNITS, TAVALUES, %, %, ppm, ppm, ppm, ppmC, %, %, bhp-hr, g/s

PPDATANAME, WETVALUES, Wet CO2, Wet CO, Wet kNO, Wet kNO2, Wet kNOx, Wet THC, Wet O2

PPDATAID, WETVALUES, swET_CO2, swET_CO, swET_kNO, swET_kNO2, swET_kNOx, swET_THC, swET_O2

PPDATAUNITS, WETVALUES, %, %, ppm, ppm, ppm, ppmC, %

PPDATANAME, LMSEC, Total Test Time, Total Non-Idle Time, Total Distance, Total Fuel Consumed, Total Fuel Economy, CO2 Mass, CO Mass, NO Mass, NO2 Mass, NOx Mass, THC Mass, O2 Mass, kNOx Mass

PPDATAID, LMSEC, sLMS_TTIME, sLMS_NITIME, sLMS_TDST, sLMS_TFUEL, sLMS_TFUELECON, sLMS_CO2, sLMS_CO, sLMS_NO, sLMS_NO2, sLMS_NOx, sLMS_THC, sLMS_O2, sLMS_KNOX

PPDATAUNITS, LMSEC, s, s, mi, gal, mpg, g/s, g/s, g/s, g/s, g/s, g/s, g/s

PPDATANAME, LMMILE, Total Time, Total Distance, Total Fuel, Total Fuel Economy, CO2 Total Mass, CO Total Mass, NO Total Mass, NO2 Total Mass, NOx Total Mass, THC Total Mass, O2 Total Mass, kNOx Total Mass, Segment Status, Segment Number, Segment Time, Segment Distance, Segment Fuel, Segment Fuel Economy, CO2 Mass Segment, CO Mass Segment, NO Mass Segment, NO2 Mass Segment, NOx Mass Segment, THC Mass Segment, O2 Mass Segment, kNOx Mass Segment

PPDATAID,LMMILE,sLMM_TTIME,sLMM_TDIST,sLMM_TFUEL,sLMM_TFUELECON,sLMM_CO2,sLMM_CO,sLMM_NO,sLMM_NO2,sLMM_NOX,sLMM THC,sLMM_O2,sLMM_KNOX,sLMMS_SSTAT,sLMMS_SNUM,sLMMS_TTIME,sLMMS_TDIST,sLMMS_TFUEL,sLMMS_TFUELECON,sLMMS_CO2,sLMMS_CO,sLMMS_NO,sLMMS_NO2,sLMMS_NOX,sLMMS_S THC,sLMMS_O2,sLMMS_KNOX

PPDATAUNITS,LMMILE,s,mi,gal,mpg,g/mi,g/mi,g/mi,g/mi,g/mi,g/mi,,s,mi,gal,mpg,g/mi,g/mi,g/mi,g/mi,g/mi,g/mi,g/mi

PPDATANAME,LMBS,CO2 Total Mass,CO Total Mass,NO Total Mass,NO2 Total Mass,NOx Total Mass,THC Total Mass,O2 Total Mass,kNOx Total Mass,Engine Total Work,Time Mass Segment,Engine Work Segment,CO2 Mass Segment,CO Mass Segment,NO Mass Segment,NO2 Mass Segment,NOx Mass Segment,THC Mass Segment,O2 Mass Segment,kNOx Mass Segment

PPDATAID,LMBS,sLMBS_CO2,sLMBS_CO,sLMBS_NO,sLMBS_NO2,sLMBS_NOX,sLMBS THC,sLMBS_O2,sLMBS_KNOX,sLMBS_EW,sLMBSS_STIME,sLMBSS_EW,sLMBSS_CO2,sLMBSS_CO,sLMBSS_NO,sLMBSS_NO2,sLMBSS_NOX,sLMBSS THC,sLMBSS_O2,sLMBSS_KNOX

PPDATAUNITS,LMBS,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,bhp-hr,s,bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr

PPDATANAME,LMNTE,NTE Zone Status,NTE Zone Current,NTE Zone Total,NTE Window Count,CO2 NTE30SW Mass,CO NTE30SW Mass,NO NTE30SW Mass,NO2 NTE30SW Mass,NOx NTE30SW Mass,THC NTE30SW Mass,O2 NTE30SW Mass,kNOx NTE30SW Mass,NTE30SW Engine Work,NTE Event Number,CO2 NTEACCW Mass,CO NTEACCW Mass,NO NTEACCW Mass,NO2 NTEACCW Mass,NOx NTEACCW Mass,THC NTEACCW Mass,O2 NTEACCW Mass,kNOx NTEACCW Mass,NTEACCW Engine Work

PPDATAID,LMNTE,sLMNTE_STAT,sLMNTE_CURRENT,sLMNTE_TOTAL,sLMNTE_WINDOWS,sLMNTE30SW_CO2,sLMNTE30SW_CO,sLMNTE30SW_NO,sLMNTE30SW_NO2,sLMNTE30SW_NOX,sLMNTE30SW THC,sLMNTE30SW_O2,sLMNTE30SW_KNOX,sLMNTE30SW_EW,sLMNTEACCW_NUM,sLMNTEACCW_CO2,sLMNTEACCW_CO,sLMNTEACCW_NO,sLMNTEACCW_NO2,sLMNTEACCW_NOX,sLMNTEACCW THC,sLMNTEACCW_O2,sLMNTEACCW_KNOX,sLMNTEACCW_EW

PPDATAUNITS,LMNTE,0/1/2/3,s,,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,bhp-hr,,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,g/bhp-hr,bhp-hr

PPDATANAME,LMINSTANT,Aligment Time Left,NTE Zone (Instantaneous),Power (Instantaneous),Molecular Weight of Exhaust,Torque (Snapshot),Torque (Averaged),RPM (Snapshot),RPM (Averaged),Load (Snapshot),Load (Averaged),NTE Zone (Averaged VI)

PPDATAID,LMINSTANT,sLMI_ALIGNTIME,sLMI_NTEGAS,sLMI_POWER,sLMI_MWEXH,sLMI_VI_TORQ,sLMI_VI_AV_TORQ,sLMI_VI_RPM,sLMI_VI_AV_RPM,sLMI_LOAD,sLMI_AV_LOAD,sLMI_AV_NTE_STAT

PPDATAUNITS,LMINSTANT,seconds,0/1,bhp, , , , , , ,

PPDATANAME,AutoZero,Auto-Zero Enabled,Next-Zero,Auto-Zero Active,Auto-Zero Status,Auto-Zero Interval,Auto-Shutdown Active,Auto-Shutdown Count,Auto-Shutdown Time,EFM Auto-Clean Enabled

PPDATAID,AutoZero,sAUTOZERO_ENABLED,sAUTOZERO_NEXT,sAUTOZERO_ACTIVE,sAUTOZERO_STATUS,sAUTOZERO_INTERVAL,sAUTOZERO_SD_ACTIVE,sAUTOZERO_SD_COUNT,sAUTOZERO_SD_TIME,sAUTOZERO_EFM_AC

PPDATAUNITS,AutoZero,0/1,minutes,0/1, ,minutes,0/1,cycles,minutes,0/1

PPDATANAME,HUMID,Manifold Relative Humidity,Manifold Temperature

PPDATAID,HUMID,iHUM_HUMID,iHUM_TEMP

PPDATAUNITS,HUMID,% ,deg C

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